

Appl. No. 09/956,954
Amdt. dated May 3, 2005
Reply to Office Action of March 21, 2005

Appendix A

Claim 22 based on claim 21 with added language underlined as shown:

22. (new): A system for noise compensation comprising:

a near-end noise level estimator receiving a near-end signal and generating a near-end noise level estimate based on the near-end signal; and

a first noise adaptive compander comprising:

a first input for receiving a far-end signal;

a second input for receiving the near-end noise level estimate;

a first output for producing a near-end noise compensated output signal;

and

a compressor gain control unit, wherein the first noise adaptive compander receives the far-end signal at the first input and receives the near-end noise level estimate at the second input, the compressor gain control unit adaptively adjusts the gain applied to a far-end signal in a compression range based on the near-end noise level estimate to adaptively compress the far-end signal to compensate for noise, whereby the first noise-adaptive compander operates to adjustably amplify the far-end signal based upon the near-end noise level estimate to produce the near-end noise compensated output signal at the first output.